

Fig. 1

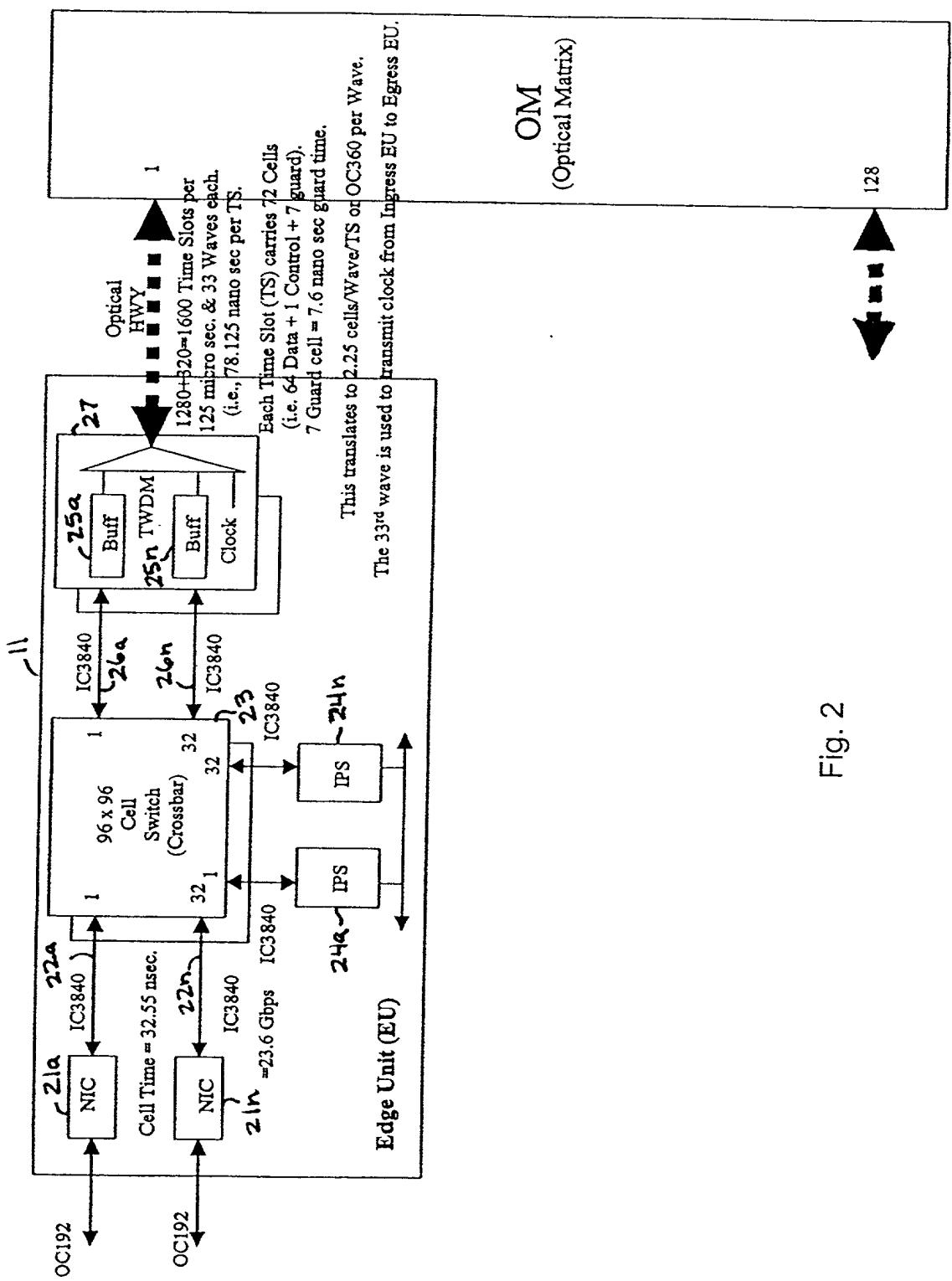


Fig. 2

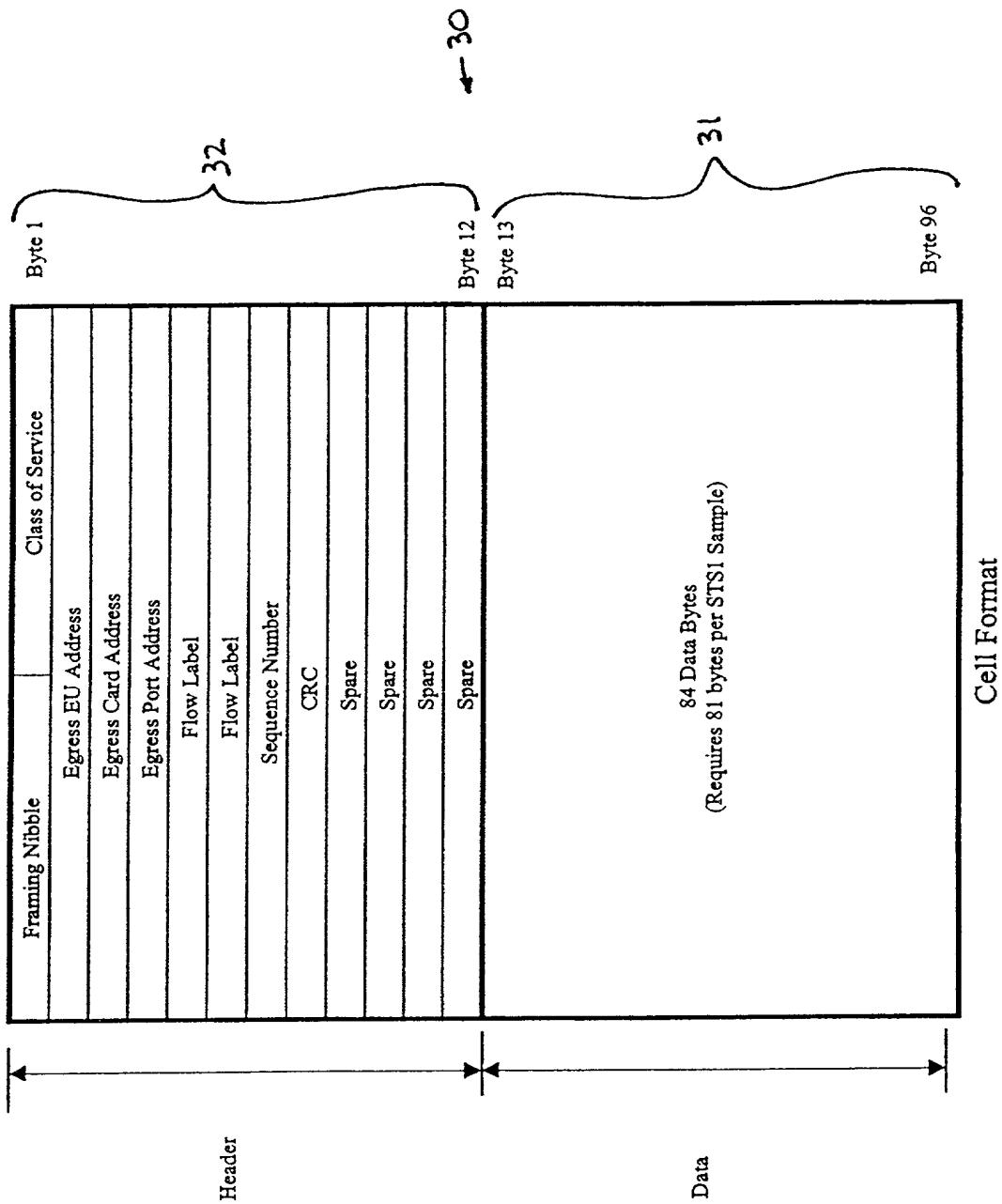


Fig. 3

Cell Format

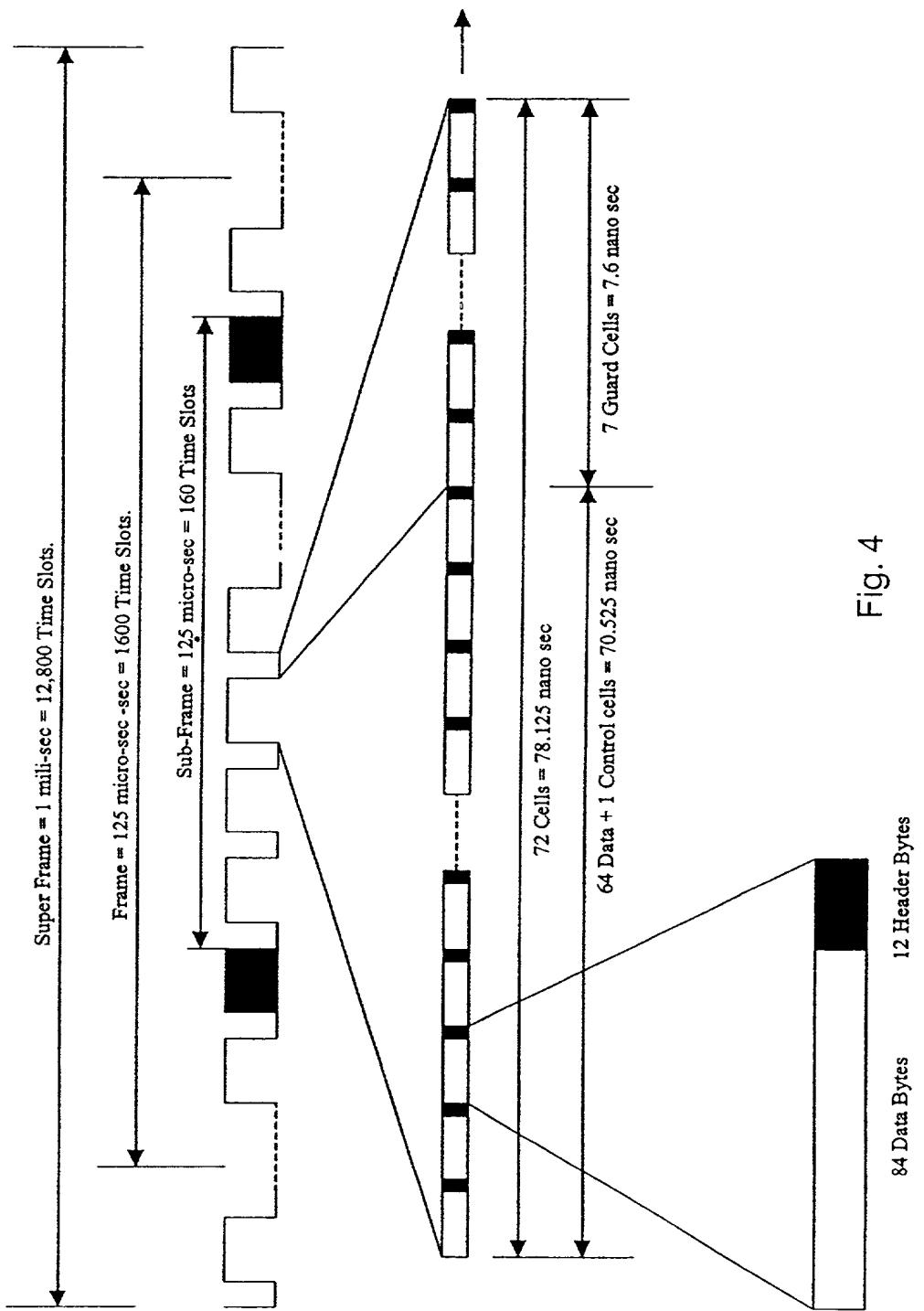
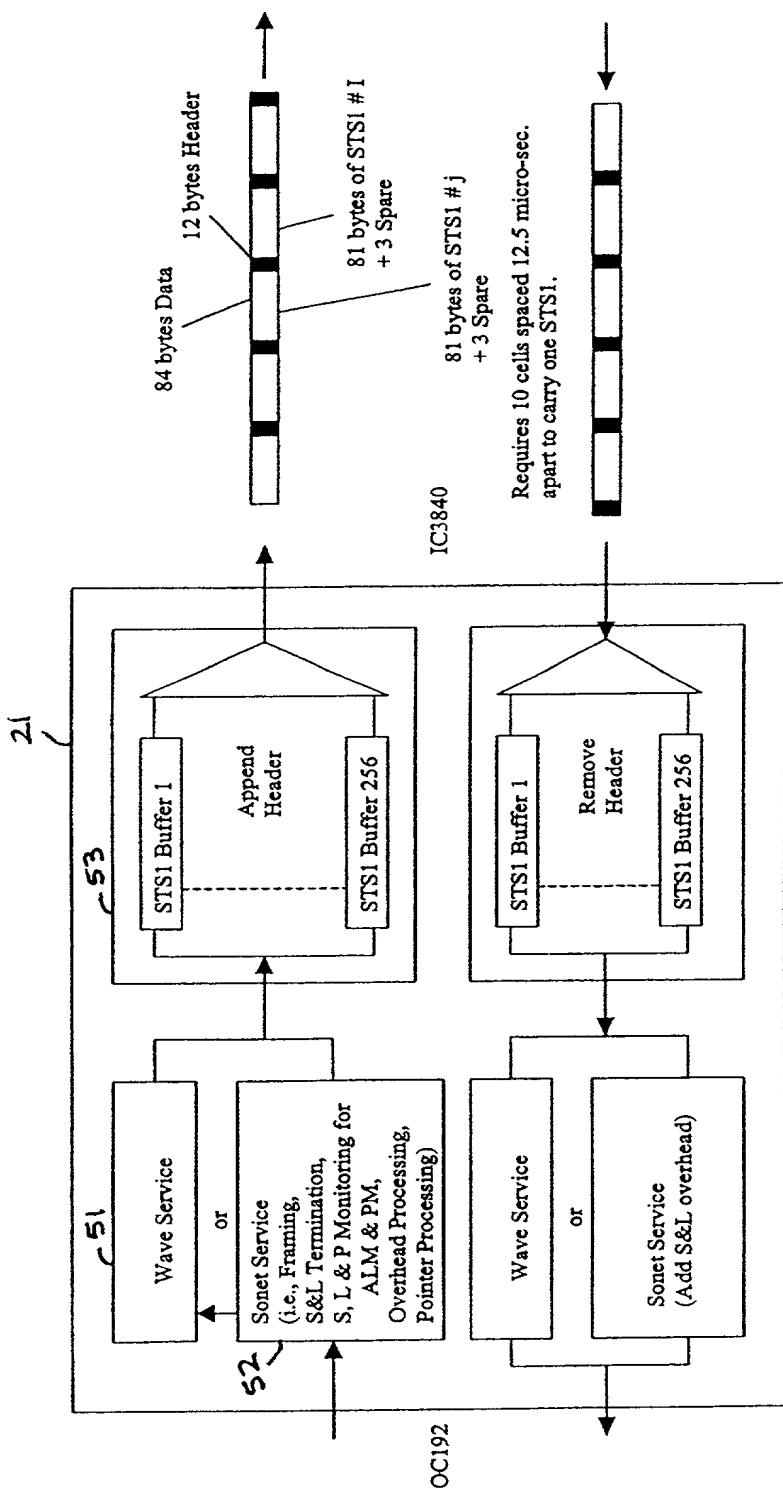


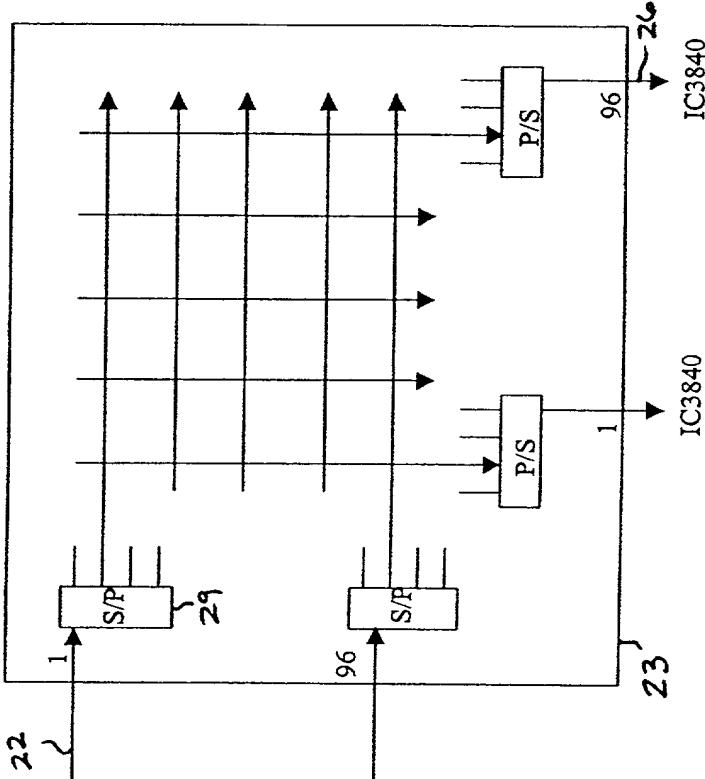
Fig. 4



Network Interface Card (NIC)

Fig. 5

A Simple Cell based Crossbar Switch



Set up the cross connection for 32.55 nano-sec. when 768 bits flow through.

The optional S/P logic, reduces the bit rate through the Cell Switch, but increases the number of Cell Switch Planes.

96 x 96 Cell Switch (CS96)
(Prefer 128 x 128 Cell Switch for Future Services)

Fig. 6

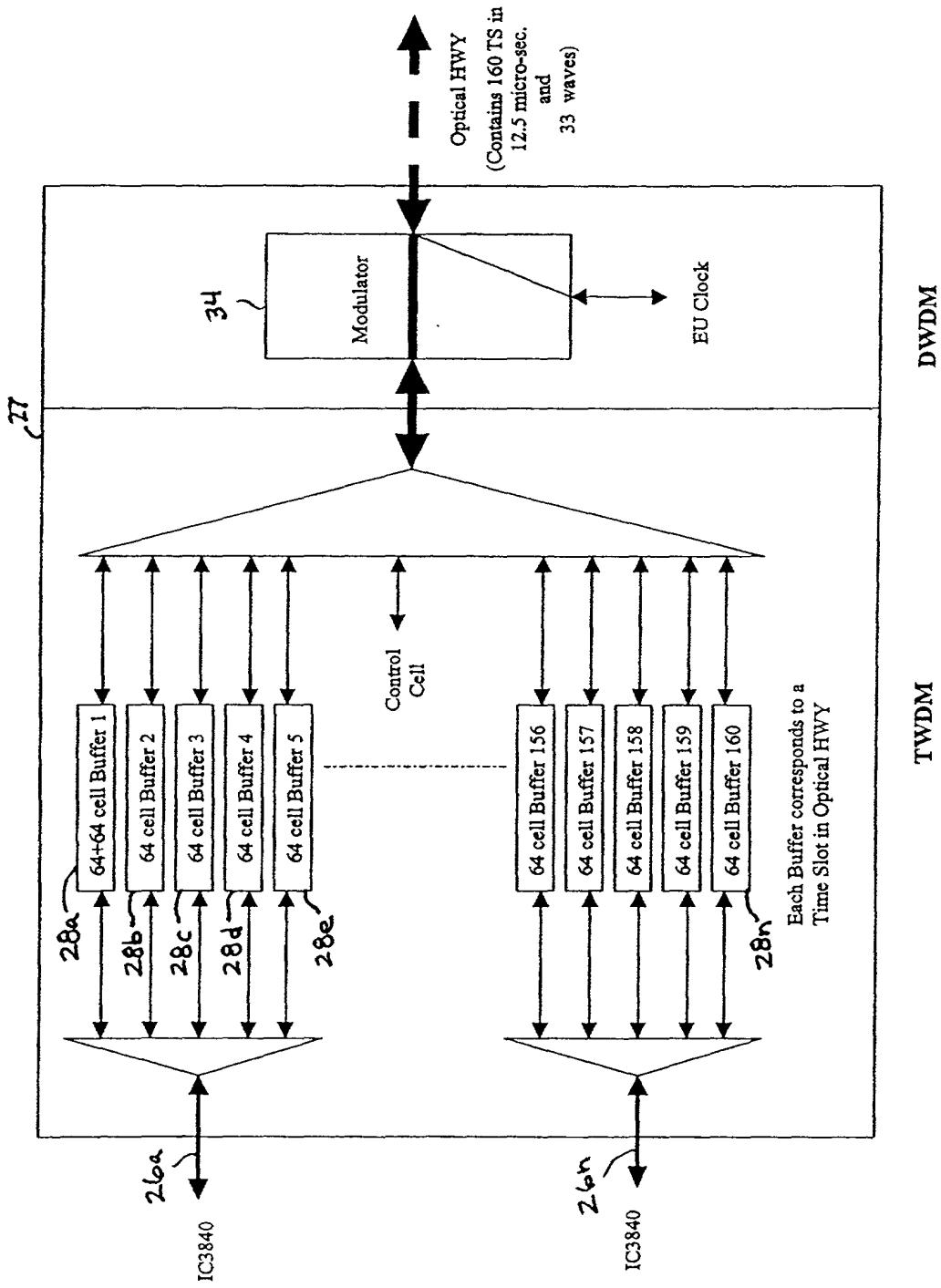


Fig. 7

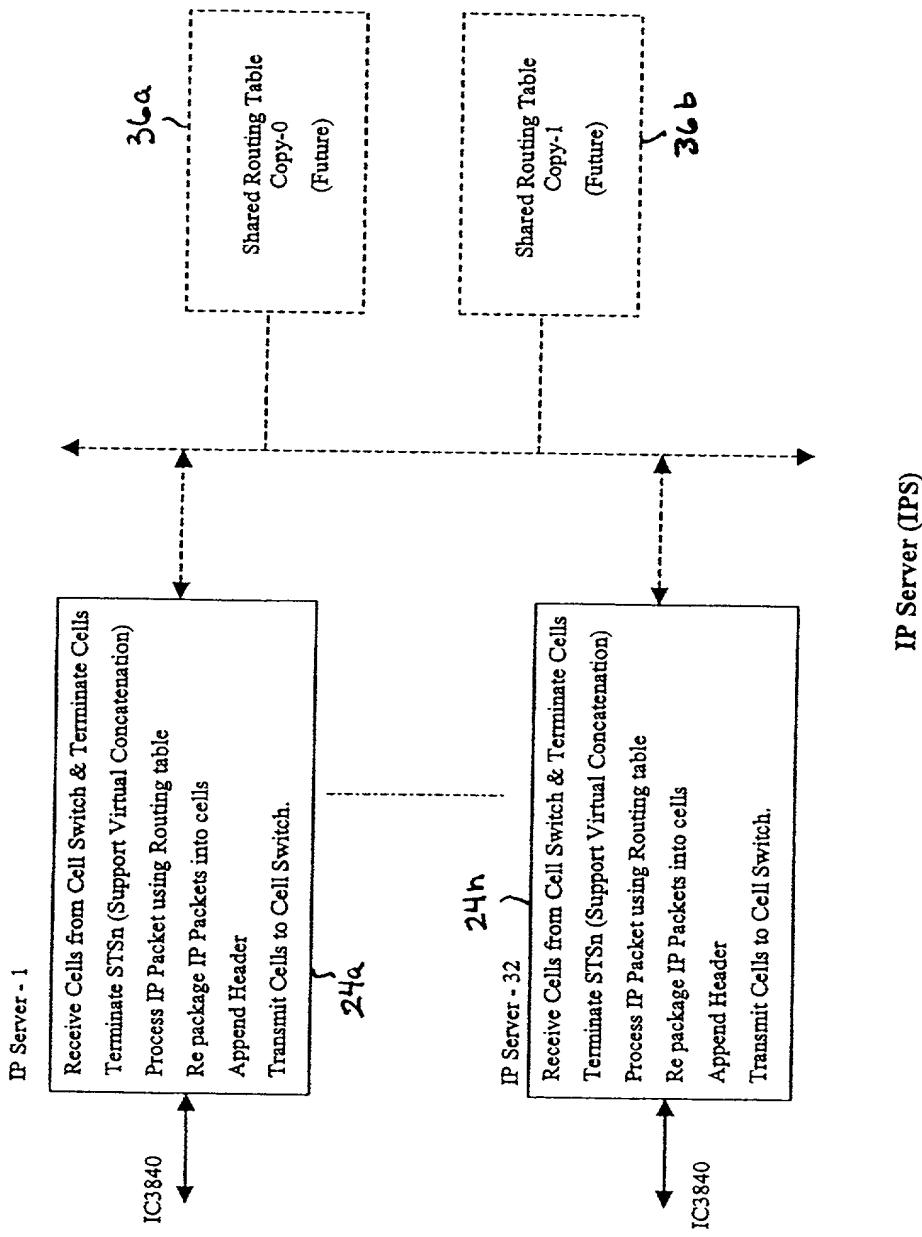


Fig. 8

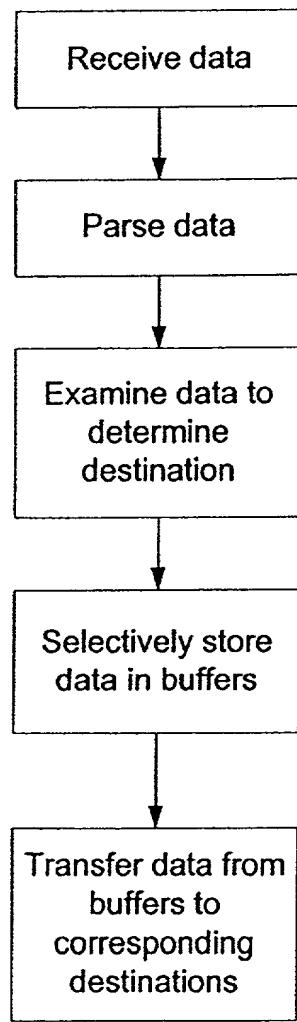


Fig. 9